

PROTECTIVE CIRCUIT

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Abstract of **KR9505938**

The earth protection circuit automatically connects an earth line with the pole of power supply when a short circuit occurs in the mechanical equipment. The circuit comprises a first control circuit (1) for connecting the earth line with the plus pole of power supply according to the control signal, a second control circuit (2) for connecting the earth line with the minus pole of power supply according to the control signal, a voltage detecting circuit (3) for comparing the reference voltage and the earth line voltage and for providing the control signal to two control circuits, a current detecting circuit (4) for detecting the leakage current, and resistors (7,8) for maintaining the circuit in the initial state.

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